

#4

Form PTO - 1449

U.S. DEPT. OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DKT. NO.

SERIAL

53-01

09/840,637

APPLICANT

Westaim Biomedical Corp.

FILING DATE

April 23, 2001

GROUP

1616

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AUG 09 2001
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INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

AUG 06 2001

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
AA	3,800,792	04/02/74	McKnight et al.	128	156	04/17/72
AB	4,749,572	06/07/88	Ahari	424	132	08/21/85
AC	4,803,066	02/07/89	Edwards	424	132	03/18/87
AD	4,828,832	05/09/89	De Cuellar et al.	424	618	02/26/87
AE	4,952,411	08/28/90	Fox, Jr. et al.	424	618	10/18/88
AF	5,454,886	10/03/95	Burrell et al.	148	565	11/18/93
AG	5,744,151	04/28/98	Capelli	424	405	06/27/96
AH	5,770,255	06/23/98	Burrell et al.	427	2.1	09/29/93
AI	5,792,793	08/11/98	Oda et al.	514	495	10/07/94
AJ	5,945,032	08/31/99	Breitenbach et al.	252	186.29	09/23/97
AK	6,022,547	02/08/00	Herb et al.	424	401	06/28/96
AL	6,071,541	06/06/00	Murad	424	616	06/11/99
AM	6,071,543	06/06/00	Thornfeldt	424	642	06/01/98

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
AN	WO 93/23092	25/11/93	PCT	A61L	29/00		
AO	WO 95/13704	26/05/95	PCT	A01N	59/16		
AP	WO 98/41095	24/09/98	PCT	A01N	59/00		
AQ	EP 0355009 A1	21/02/90	Europe	A61K	31/635		
AR	EP 0 254 413	27/01/88	Europe	A 61 K	33/38		
AS	EP 0599188 A1	01/06/94	Europe	A61K	31/20		
AT	EP 0378147 A2	18/07/90	Europe	A61K	7/48		
AU	EP 0136768 A2	10/04/85	Europe	A 61 K	33/38		
AV	022309	06/12/90	Italy	A 61 K		Yes	

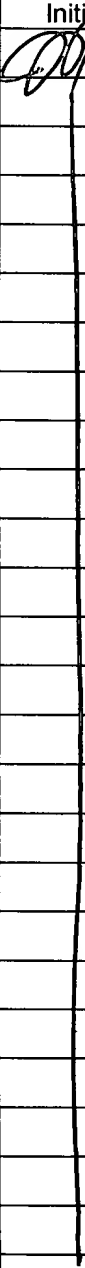

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AV	J. A. Thornton, "Influence of Apparatus Geometry and Deposition Conditions on the Structure and Topography of Thick Sputtered Coatings," J. Vac. Sci. Technol., Vol. 11(4), 666-670, 1974.
EXAMINER	Date Considered 12/14/01

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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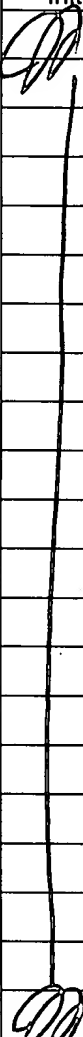
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14072-010001	Application No. 09/840,637
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Burrell et al	
(37 CFR §1.98(b))		Filing Date April 23, 2001	Group Art Unit 1616

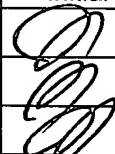
U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2002/0045049	04/18/02	Madsen	/	/	
	AB	6,365,130	04/02/02	Barry et al.			
	AC	2002/0016585	02/07/02	Sachse			
	AD	2002/0001628	01/03/02	Ito			
	AE	6,277,169	08/21/01	Hampden-Smith et al.			
	AF	2001/0010016	07/26/01	Modak et al.			
	AG	6,201,164	03/13/01	Wulff et al.			
	AH	6,197,351	03/06/01	Neuwirth			
	AI	6,187,290	02/13/01	Gilchrist et al.			
	AJ	6,165,440	12/26/00	Esenaliev			
	AK	6,123,925	09/26/00	Barry et al.			
	AL	6,096,002	08/01/00	Landau			
	AM	6,013,050	01/11/00	Bellhouse et al.			
	AN	6,010,478	01/04/00	Bellhouse et al.			
	AO	5,981,822	11/09/99	Addison			
	AP	5,899,880	05/04/99	Bellhouse et al.			
	AQ	5,895,419	04/20/99	Tweden et al.			
	AR	5,631,066	05/20/97	O'Brien			
	AS	5,578,073	11/26/96	Haimovich et al.			
	AT	5,569,207	10/29/96	Gisselberg et al.			
AU	5,563,132	10/08/96	Bodaness				
AV	5,534,288	07/09/96	Gruskin et al.				
AW	5,520,639	05/28/96	Peterson et al.				
AX	5,457,015	10/10/95	Boston				
AY	5,454,889	10/03/95	McNicol et al.				
AZ	5,399,163	03/21/95	Peterson et al.				
	AAA	5,383,851	01/24/95	McKinnon, Jr. et al.	/	/	

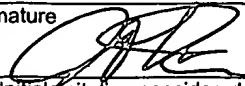
Examiner Signature	Date Considered <u>3/2/2004</u>
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14072-010001	Application No. 09/840,637
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Burrell et al	
		Filing Date April 23, 2001	Group Art Unit 1616

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ABB	5,372,589	12/13/94	Davis	/	/	
	ACC	5,369,155	11/29/94	Asmus	/	/	
	ADD	Des. 349,958	08/23/94	Hollis et al.	/	/	
	AEE	5,312,335	05/17/94	McKinnon et al.	/	/	
	AFF	5,270,358	12/14/93	Asmus	/	/	
	AGG	5,236,421	08/17/93	Becher	/	/	
	AHH	5,143,717	09/01/92	Davis	/	/	
	AII	5,064,413	11/12/91	McKinnon et al.	/	/	
	AJJ	5,019,096	05/28/91	Fox, Jr. et al.	/	/	
	AKK	4,960,413	10/02/90	Sagar et al.	/	/	
	ALL	4,847,049	07/11/89	Yamamoto	/	/	
	AMM	4,790,824	12/13/88	Morrow et al.	/	/	
	ANN	4,633,863	01/06/87	Filips et al.	/	/	
	AOO	4,596,556	06/24/86	Morrow et al.	/	/	
	APP	4,581,028	04/08/86	Fox, Jr. et al.	/	/	
	AQQ	4,476,590	10/16/84	Scales et al.	/	/	
	ARR	4,355,636	10/26/82	Oetjen et al.	/	/	
	ASS	4,324,237	04/13/82	Buttaravoli	/	/	
	ATT	4,059,105	11/22/77	Citruzzula et al.	/	/	
	AUU	3,918,446	11/11/75	Buttaravoli	/	/	
	AVV	3,757,786	09/11/73	Smith	/	/	

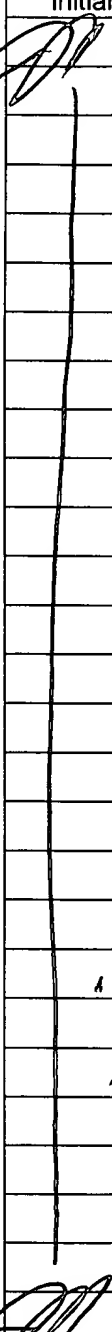
Foreign Patent Documents or Published Foreign Patent Applications								
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	AWW	02/44625	06/06/02	WIPO	/	/		
	AXX	02/18003	03/07/02	WIPO	/	/		
	AYY	02/15698	02/28/02	WIPO	/	/		


Examiner Signature 	Date Considered 3/12/2004
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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14072-010001	Application No. 09/840,637
	Applicant Burrell et al		
	Filing Date April 23, 2001	Group Art Unit 1616	


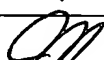
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Foreign Patent Documents or Published Foreign Patent Applications

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	AZZ	CN1328819	01/02/02	CN (full document)				X
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	ABBB	CN1328827	01/02/02	CN (full document)				X
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	AGGG	CN1322874	11/21/01	CN (full document)				X
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	AJJJ	01/70052	09/27/01	WIPO				
	AKKK	CN1306117	08/01/01	CN (full document)				X
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	ANNN	01/41819	06/14/01	WIPO				
	AOOO	01/41774	06/14/01	WIPO				
	APPP	01/34686	05/17/01	WIPO				
	AQQQ	01/27365	04/19/01	WIPO				
	ARRR	CN1291666	04/18/01	CN (full document)				X
	ASSS	CN1291666	04/18/01	CN (abstract only)			X	
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	AUUU	CN1291667	04/18/01	CN (abstract only)			X	
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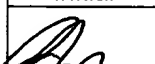
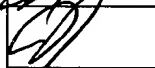
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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	AAAAA	00/64506	11/02/00	WIPO	/	/		
	ABBBB	00/44414	08/03/00	WIPO				
	ACCCC	00/30697	06/02/00	WIPO				
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	AFFFF	2,242,033	01/03/99	CA				
	AGGGG	98/51273	11/19/98	WIPO				
	AHHHH	0780138	06/25/97	EP				
	AIIII	92/13491	08/20/92	WIPO				
	AJJJJ	0 378 147	07/18/90	EP				
	AKKKK	3807944	09/21/89	DE (full document)				X
	ALLLL	3807944	09/21/89	DE (abstract only)			X	
	AMMMM	0 356 060	08/07/89	EP				
	ANNNN	87/07251	12/03/87	WIPO				
	AOOOO	60-21912	02/04/85	JP (full document)				X
	APPPP	60-21912	02/04/85	JP (abstract only)			X	
	AQQQQ	Sho 58-126910	02/04/85	JP (full document)				X
	ARRRR	Sho 58-126910	02/04/85	JP (abstract only)			X	
	ASSSS	2 140 684	12/05/84	UK				
	ATTTT	2 073 024	10/14/81	UK				
AUUUU	2748882	05/03/79	DE (full document)				X	
AVVVV	2748882	05/03/79	DE (abstract only)			X		
AWWWW	427,106	4/16/35	UK					
 AXXXX	420,052	11/23/34	UK	/	/			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
Examiner Signature		Date Considered 3/12/2004
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		Filing Date April 23, 2001	Group Art Unit 1616

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AYYYY	Shigemasa et al., "Applications of Chitin and Chitosan for Biomaterials" <i>Biotechnology & Genetic Engineering Reviews</i> Vol. 13 (14) pp. 383-420 (DATE UNAVAILABLE).
	AZZZZ	Thornton, "Deposition Technologies for Films and Coatings: Coating Deposition by Sputtering" <i>Materials Science Series 5</i> pp. 170-243 (1982).

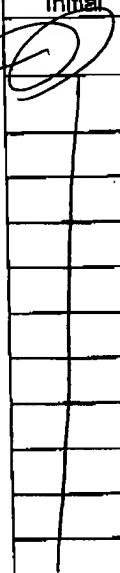
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Sheet 1 of 2

#16

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14072-010001	Application No. 09/840,637 ✓
	Applicant Burrell et al		
	Filing Date April 23, 2001	Group Art Unit 1614	

137 CFR 81.50(b)

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2002/0192298 A1	12/19/02	Burrell et al.	/	/	
	AB	2002/0051824 A1	05/02/02	Burrell et al.			
	AC	6,333,093	12/25/01	Burrell et al.			
	AD	6,238,686	05/29/01	Burrell et al.			
	AE	6,017,553	01/25/00	Burrell et al.			
	AF	5,985,308	11/16/99	Burrell et al.			
	AG	5,958,440	09/28/99	Burrell et al.			
	AH	5,848,995	12/15/98	Walder			
	AI	5,837,275	11/17/98	Burrell et al.			
	AJ	5,770,258	06/23/98	Takizawa			
	AK	5,753,251	05/19/98	Burrell et al.			
	AL	5,681,575	10/28/97	Burrell et al.			
	AM	5,454,886	10/03/95	Burrell et al.	/	/	

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Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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	AO	01/80920	11/01/01	WIPO				
	AP	01/68179 A1	09/20/01	WIPO				
	AQ	01/49301	07/12/01	WIPO				
	AR	2000327578	11/28/00	JP (full document)				X
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D	AX	11116488	04/27/99	JP (full document)	/	/		X

Examiner Signature

Date Considered

3/18/04

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Substitute Disclosure Form (PTO-1449)

Sheet 2 of 2

#16

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	Applicant Burrell et al		
	Filing Date April 23, 2001	Group Art Unit 1614	

Foreign Patent Documents or Published Foreign Patent Applications								
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	AAA	11060493	03/02/99	JP (abstract only)			X	
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	ACC	0681841	11/15/95	EP				
	ADD	95/13704	05/26/95	WIPO				
	AEE	93/23092	11/25/93	WIPO	/	/		

Other Documents (Include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
D	AFF	Sant et al., "Morphology of Novel Antimicrobial Silver Films Deposited By Magnetron Sputtering" <i>Scripta Materiala</i> , Vol. 41, No. 12, pp. 1333-1339, November 19, 1999

Examiner Signature 	Date Considered 3/18/04
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